

INTERGOVERNMENTAL AGREEMENT  
BETWEEN  
THE STATE OF ARIZONA  
AND  
THE CITY OF PHOENIX

81491

THIS AGREEMENT is entered into 12 February, 199<sup>8</sup>, pursuant to Arizona Revised Statutes, Sections 11-951 through 11-954, as amended, between the STATE OF ARIZONA, acting by and through its DEPARTMENT OF TRANSPORTATION (the "State") and the CITY OF PHOENIX, acting by and through its MAYOR and CITY COUNCIL (the "City").

I. RECITALS

1. The State is empowered by Arizona Revised Statutes Section 28-<sup>401</sup>~~108~~ to enter into this agreement and has by resolution, a copy of which is attached hereto and made a part hereof, resolved to enter into this agreement and has delegated to the undersigned the authority to execute this agreement on behalf of the State.

2. The City is empowered by Arizona Revised Statutes Section 48-572 and City Charter, Chapter 2, Section 2, to enter into this agreement and has by resolution, a copy of which is attached hereto and made a part hereof, resolved to enter into this agreement and has authorized the undersigned to execute this agreement on behalf of the City.

3. Incident to the State's construction of the Agua Fria Freeway Loop 101, it is necessary to reconstruct traffic signals at 23rd and 27th Avenues, at an estimated total cost of \$188,480.00, as shown Exhibit "A", attached hereto and made a part here of, all at the State's expense, hereinafter referred to as the Project.

THEREFORE, in consideration of the mutual agreements expressed herein, it is agreed as follows:

NO. 22200  
Filed with the Secretary of State  
Date Filed: 02/12/98

Retha Gayles  
Secretary of State

By: Wm. J. Greenwald

## II. SCOPE

### 1. The State will:

a. Furnish at the State's own expense, the design plans, specifications and other such documents and services required for construction of the Project (collectively referred to as "construction documents"), and shown on Exhibit "B", attached hereto and made a part hereof. Incorporate City's comments, modifications and additions proposed, and comply with all applicable City standards, rules, regulations and requirements.

b. Call for bids, award one or more construction contract(s) for the installation of conduit with pull wires, junction boxes, pole foundations (with City-furnished anchor bolts and steel reinforcements) and cabinet foundation. Administer same and make all payments to the contractor(s).

c. Reimburse the City for the actual cost of signal materials provided to the State's contractor by the City, in accordance with the construction documents, and shown on Exhibit "B". Be responsible for any contractor claims for extra compensation due to delays or whatever reason attributable to the State.

d. Upon completion, approve and accept the Project on behalf of the parties hereto.

e. Reimburse the City for the actual cost of materials, equipment and labor required to effect an operational installation of traffic signals and lighting in accordance with the construction documents.

### 2. The City will:

a. Review the construction documents and provide comments to the same. Furnish, install and make operational all necessary traffic signal and lighting equipment, (except Type R and type Q poles and video detection system), wiring and associated hardware required by the construction documents. All equipment and materials furnished by the City, as referenced in Exhibit "B", shall conform with National Electrical Code and the provisions of the Manual on Uniform Traffic Control Devices for Streets and Highways.

b. Coordinate with the State for approval of the underground work.

c. Be responsible for any contractor claims for extra compensation due to delays or whatever reason attributable to the City.

d. Upon completion and acceptance by the State, provide maintenance and electrical energy to operate the signal.

e. Furnish an invoice to the State for the actual labor, equipment and material costs associated with the activities identified in II.2.a. above.

## III. MISCELLANEOUS PROVISIONS

1. This agreement shall remain in force and effect until all terms and conditions as set forth herein have been satisfied and the Project has been accepted and approved by the State and the City.

2. This agreement shall become effective upon filing with the Secretary of State.

3. This agreement may be cancelled in accordance with Arizona Revised Statutes Section 38-511.

4. The provisions of Arizona Revised Statutes Section 35-214 are applicable to this contract.

5. In the event of any controversy which may arise out of this agreement, the parties hereto agree to abide by required arbitration as is set forth for public works contracts in Arizona Revised Statutes Section 12-1518.

6. All notices or demands upon any party to this agreement shall be in writing and shall be delivered in person or sent by mail addressed as follows:

Department of Transportation  
Joint Project Administration  
205 South 17 Avenue, MD 616E  
Phoenix, AZ 85007

City of Phoenix  
Street Transportation Department  
200 W. Washington, 5th Floor  
Phoenix, AZ 85003-1611


7. Attached hereto and incorporated herein is the written determination of each party's legal counsel that the parties are authorized under the laws of this state to enter into this agreement and that the agreement is in proper form.

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

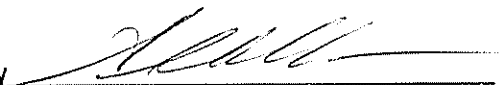
**CITY OF PHOENIX**, a Municipal  
Corporation, Frank Fairbanks, City Manager

**STATE OF ARIZONA**  
Department of Transportation

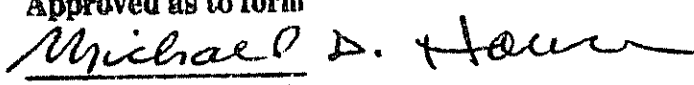
By   
JAMES H. MATTESON, P.E.  
Director, Street Transportation

By   
VICTOR M. MENDEZ  
Deputy State Engineer

ATTEST

By   
ACTING  
City Clerk

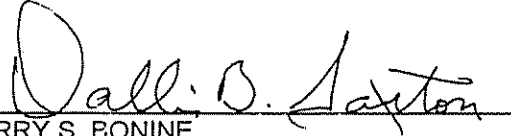
97-133 doc  
18AUG97

Approved as to form  
  
ACTING City Attorney  
HWS

RESOLUTION

BE IT RESOLVED on this 20th day of August 1997, that I, the undersigned LARRY S. BONINE, as Director of the Arizona Department of Transportation, have determined that it is in the best interests of the State of Arizona that the Department of Transportation, acting by and through the Intermodal Transportation Division, to enter into an agreement with the City of Phoenix, for the purpose of defining responsibilities for the reconstruction of traffic signals at 23rd and 27th Avenues; incident to the State's construction of the Agua Fria Freeway, Loop 101.

Therefore, authorization is hereby granted to draft said agreement which, upon completion, shall be submitted to the State Engineer for approval and execution.

for   
LARRY S. BONINE  
Director

2007

RESOLUTION NO. 19013

A RESOLUTION AUTHORIZING THE CITY MANAGER  
TO ENTER INTO AN AGREEMENT WITH THE  
ARIZONA DEPARTMENT OF TRANSPORTATION FOR  
THE INSTALLATION AND MAINTENANCE OF  
TRAFFIC SIGNALS AT THE INTERCHANGES OF  
STATE ROUTE ONE HUNDRED ONE AT TWENTY-  
THIRD AVENUE AND TWENTY-SEVENTH AVENUE.

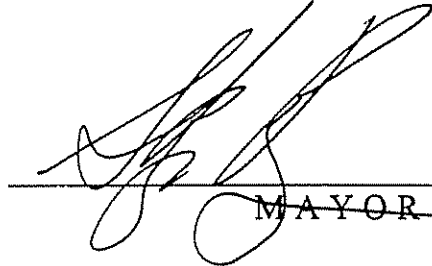
\_\_\_\_\_

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PHOENIX as  
follows:

SECTION 1. The City Manager is authorized to enter into an agreement  
with the Arizona Department of Transportation ("ADOT") for the installation and  
maintenance of traffic signals at the interchanges on State Route One Hundred One  
(Agua Fria Freeway Loop 101) at Twenty-Third Avenue and Twenty-Seventh Avenue.

PASSED by the Council of the City of Phoenix this 10. day of


December, 1997.

  
MAYOR


ATTEST:

Vicky Miel City Clerk

APPROVED AS TO FORM:

 **ACTING**  
City Attorney

REVIEWED BY:

  
City Manager

DLB:mh::ODMA\SOFTSOL\311\NATRES\2975\0

DUB

REC-3 PM 2:50  
CITY CLERK

CITY OF PHOENIX, ARIZONA  
REQUEST FOR COUNCIL ACTION

Complete this form per O.P. 1.906 and A.R. 4.11.

ACTION                      Formal Action: Bid Award ☐ License Application ☐ Other ☐  
REQUESTED                      Ordinance ☐ Resolution ☒ Emergency Clause? ☐ N (Y/N)

SUBJECT                      DISTRICT NO. 1 - AGREEMENT BETWEEN ADOT AND CITY OF PHOENIX  
FOR TRAFFIC SIGNAL INSTALLATIONS AT 23RD AVENUE AND 27TH AVENUE IN  
CONJUNCTION WITH S.R. 101.

(NOTE: Include the word DISTRICT or CITYWIDE in Subject.)

PREPARED BY                      Name: Michael S. Frisbie, PE Phone: 2-4690 WP Doc: jhm8701.w61  
Backup being sent under separate cover? (Y/N) ☐ N

RECOMMENDED                      Department Name: Street Transportation  
BY                                      Date Prepared: 8-10-97 Div. Approval: James W. Sparks, P.E.  
Req. Agenda Date: 11-19-97 Dept Approval: James H. Matteson, P.E.  
If prepared for a different department:  
Dept. Name/Approval: \_\_\_\_\_

BID AWARD/                      Bid Bond Required? ☐                      Performance Bond Required? ☐  
FORMAL ACTION                      Submitted By Low Bidder? ☐                      Amount? \$ \_\_\_\_\_  
Contract Required? ☐                      Requisition No. \_\_\_\_\_  
Contract Amendment? ☐                      Current Contract No: \_\_\_\_\_  
Approved by: Ord. ☐ FA ☐ on Date: \_\_\_\_\_

BUDGET                      \$ \_\_\_\_\_                      To Be Encumbered? ☐ (Y/N)  
INFORMATION                      Fiscal Year? \_\_\_\_\_  
Source of Funds: Arizona Department of Transportation - No City  
Funds \_\_\_\_\_  
Index Code (s): \_\_\_\_\_  
Subobject(s): \_\_\_\_\_

CITY MANAGER'S OFFICE

C.M Control Number \_\_\_\_\_

## CITY CLERK DEPARTMENT

RECORDS SECTION      File Number: \_\_\_\_\_ RCA Number: \_\_\_\_\_  
Ordinance Number: \_\_\_\_\_ Resolution Number: \_\_\_\_\_  
AGENDA ACTION      This item was: \_\_\_\_\_  
Contract Number (if applicable): \_\_\_\_\_  
Comments: \_\_\_\_\_  
\_\_\_\_\_  
COUNCIL SUPPORT      Agenda Date: \_\_\_\_\_ ITEM NUMBER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



DISTRICT NO. 1 - AGREEMENT  
BETWEEN ADOT AND CITY OF PHOENIX  
FOR TRAFFIC SIGNAL INSTALLATIONS  
AT 23RD AVENUE AND 27TH AVENUE IN  
CONJUNCTION WITH S.R. 101.

Request to authorize the City Manager to enter into an agreement with the Arizona Department of Transportation (ADOT) for the installation and maintenance of traffic signals at the freeway interchanges at 23rd Avenue and 27th Avenue and State Route 101 (Agua Fria Freeway Loop 101).

Incident to the State's construction of this freeway, it is necessary to reconstruct traffic signals at the above locations. The estimated total cost is \$188,480.00. The entire cost is to be born by ADOT. The State will design the signals to City specifications and reimburse the City for materials, equipment, and labor required to make the signals operational. The City will review the design, provide materials and construct the "above ground" portion of the signals and maintain them.

The State Department of Transportation held a number of hearings in the late 1980's and early 1990's, on the design of the freeway. The current design, including the subject traffic signals, came about as a result of the public input at those hearings. The City Planning Department also held several hearings at Multi-generational Facility at 19th Avenue and Beardsley prior to Council adoption of the Freeway mitigation plan for the freeway in 1996.

This agreement allows for the betterment of operation and maintenance of these signals.

JHM:JWS:MSF:dvw:S:\JHMRCA\JHM8701 W61

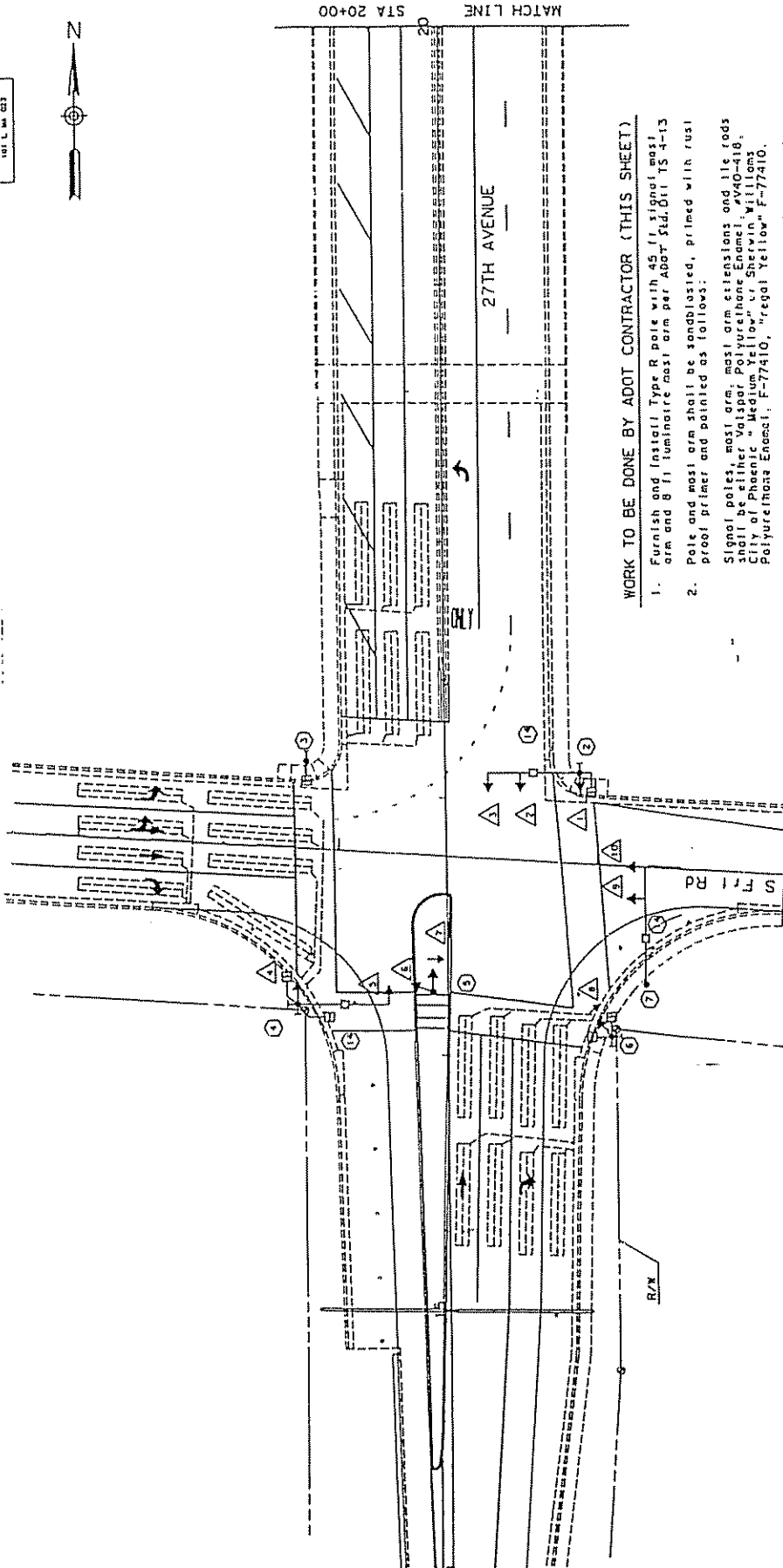
PROJECT NO: RAH 600-0-518 101 L HA 023  
H2245 02 CCITY EST 27TH  
Addendum No. 1Sheet 1 of 2  
Date: 8/8/97

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Pole (Type A)	Each	6	\$ 700.00	\$ 4,200.00
2	Pole (Type M)	Each	4	\$ 3,000.00	\$ 12,000.00
3	Mast Arm (8 Ft.) (Tapered)	Each	6	\$ 250.00	\$ 1,500.00
4	Mast Arm (35 Ft.) (Tapered)	Each	4	\$ 1,400.00	\$ 5,600.00
5	Mast Arm (40 Ft.) (Tapered)	Each	1	\$ 1,600.00	\$ 1,600.00
6	Mast Arm (45 Ft.) (Tapered)	Each	1	\$ 1,700.00	\$ 1,700.00
7	Conductors	L.Sum	1	\$ 15,000.00	\$ 15,000.00
8	Traffic Signal Face (Type C)	Each	6	\$ 240.00	\$ 1,440.00
9	Traffic Signal Face (Type F)	Each	11	\$ 425.00	\$ 4,675.00
10	Traffic Signal Face (Type H)	Each	4	\$ 500.00	\$ 2,000.00
11	Traffic Signal Face (Pedestrian) (Walk/Dont Walk)	Each	12	\$ 400.00	\$ 4,800.00
12	Pedestrian Push Button	Each	14	\$ 150.00	\$ 2,100.00
13	Controller Cabinet	L.Sum	1	\$ 14,000.00	\$ 14,000.00
14	Loop Detector For Traffic Signals (5' X 40') (Quad)	Each	41	\$ 450.00	\$ 18,450.00
15	Loop Detector For Traffic Signals (5' X 45') (Quad)	Each	1	\$ 550.00	\$ 550.00
16	Luminaire (Horizontal Mount) (HPS 250 Watt)	Each	6	\$ 350.00	\$ 2,100.00
17	SUBTOTAL ROADWAY			\$	\$ 91,715.00

PROJECT NO: RAM 600-0-518 101 L MA 023  
H2245 02 CCITY EST 23RD  
Addendum No. 1Sheet 2 of 2  
Date: 8/6/97

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	7310010 Pole (Type A)	Each	4	\$ 700.00	\$ 2,800.00
2	7310127 Pole (Type M)	Each	6	\$ 3,000.00	\$ 18,000.00
3	7310500 Mast Arm (8 Ft.) (Tapered)	Each	6	\$ 250.00	\$ 1,500.00
4	7310580 Mast Arm (35 Ft.) (Tapered)	Each	6	\$ 1,400.00	\$ 8,400.00
5	7320650 Conductors	L.Sum	1	\$ 15,000.00	\$ 15,000.00
6	7330030 Traffic Signal Face (Type C)	Each	6	\$ 240.00	\$ 1,440.00
7	7330060 Traffic Signal Face (Type F)	Each	12	\$ 425.00	\$ 5,100.00
8	7330080 Traffic Signal Face (Type H)	Each	4	\$ 500.00	\$ 2,000.00
9	7330200 Traffic Signal Face (Pedestrian) (Walk/Dont Walk)	Each	12	\$ 400.00	\$ 4,800.00
10	7330220 Pedestrian Push Button	Each	14	\$ 150.00	\$ 2,100.00
11	7340040 Controller Cabinet	L.Sum	1	\$ 14,000.00	\$ 14,000.00
12	7350096 Loop Detector For Traffic Signals (5' X 40') (Quad)	Each	37	\$ 450.00	\$ 16,650.00
13	7350152 Loop Detector For Traffic Signals (5' X 45') (Quad)	Each	1	\$ 550.00	\$ 550.00
14	7350153 Loop Detector For Traffic Signals (5' X 30') (Quad)	Each	3	\$ 400.00	\$ 1,200.00
15	7350154 Loop Detector For Traffic Signals (5' X 10') (Quad)	Each	3	\$ 375.00	\$ 1,125.00
16	7360030 Luminaire (Horizontal Mount) (HPS 250 Watt)	Each	6	\$ 350.00	\$ 2,100.00
17	SUBTOTAL ROADWAY				\$ 96,765.00

SECTION	STATE	PROJECT NO.	SHEET TOTAL	AS BUILT
1	AZ	ADOT 118	302	973
101 L. M. 013				



**WORK TO BE DONE BY ADOT CONTRACTOR (THIS SHEET)**

1. Furnish and install Type R pole with 45 ft signal mast arm and 8 ft luminaire mast arm per ADOT Std. 011 TS 4-13
2. Pole and mast arm shall be sandblasted, primed with rust proof primer and painted as follows:  
Signal poles, mast arm, mast arm extensions and tie rods shall be either Valspar Polyurethane Enamel, AV40-410, City of Phoenix "Medium Yellow" or Sherwin Williams Polyurethane Enamel, F-77410, "Regal Yellow" F-77410.  
Luminaire extensions and luminaire arms shall be sand blasted, and hot dipped galvanized.
3. Install 2 tenons on 45 ft signal mast arm with 12 ft spacing between tenons per ADOT 011 TS 9-1

**INSTALL**

**WORK TO BE DONE BY CITY OF PHOENIX FORCES (THIS SHEET)**

1. Furnish and install all traffic signal equipment except Type R pole
2. Pull, splice, and connect all conductors for traffic signals and install on traffic signal poles. Conductors to be furnished by the City of Phoenix. City of Phoenix forces shall coordinate the ADOT approval of the underground work prior to pulling conductors.
3. Place Pyrotechnics M (Cable in saw cut slots in concrete pavement).

② through ⑭. See Equipment Schedule Sheet T-3.05

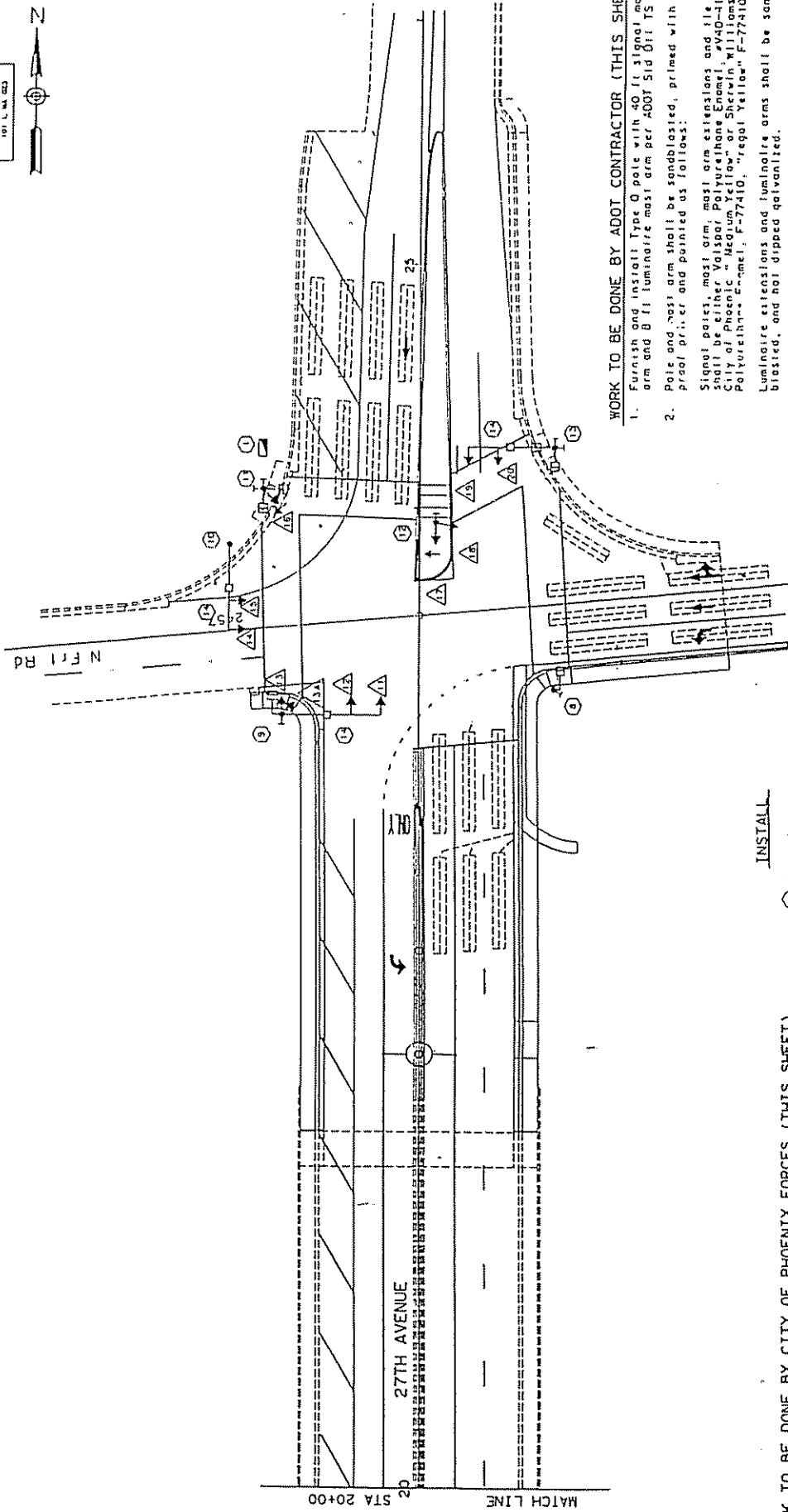
⑭ Luminaire and Mastarm (3 required)

REVISIONS	DATE	BY
DESIGN BY: JF/S		
CHECKED BY: CSE		
PROJECT NO.: 101 L. M. 013 SHEET: 1-101 TITLE: TRAFFIC SIGNAL EQUIPMENT PLAN SOUTH SIDE 27TH AVENUE CITY OF PHOENIX, ARIZONA SCALE: 1" = 40'		

APPROVED BY:

PLACES NO. 102443 OSC 600-0-518

SECTION	DATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	12	101 L M 023	367	775



**WORK TO BE DONE BY CITY OF PHOENIX FORCES (THIS SHEET)**

1. Furnish and install all traffic signal equipment except Type O pole and lighting on traffic signal poles. Conductors to be furnished by the City of Phoenix. City of Phoenix forces shall coordinate the ADOT approval of the underground work prior to pulling conductors.
2. Place Pyrotechnic W I Cable in saw cut slots in concrete pavement.

**INSTALL**

- 1 Controller
- 2 Through
- 3 See Equipment Schedule sheet T-3.05
- 4 Luminaires and Mast Arm (3 Required)

**WORK TO BE DONE BY ADOT CONTRACTOR (THIS SHEET)**

1. Furnish and install Type O pole with 40 ft signal mast arm and 8 ft luminaire mast arm per ADOT Std DIT 5-12
2. Pole and mast arm shall be sandblasted, primed with rust proof primer and painted as follows:  
Signal poles, mast arm, mast arm extensions and tie rods shall be either Polyurethane Enamel, PV40-418, City of Phoenix, or equivalent on Sherwin Williams Polyurethane Enamel, F-77410, "regal yellow" F-77410.  
Luminaire extensions and luminaire arms shall be sand blasted, and hot dipped galvanized.
3. Install 2 lenses on 40' signal mast arm with 12' spacing between lenses per ADOT DIT 5-9-1

<b>REVISIONS</b> REVISION NO. 1 DATE 12/1/83 BY [Signature] CHECKED [Signature]		<b>DATE</b> 12/1/83
<b>PROJECT NO.</b> 101 L M 023		
<b>PROJECT NAME</b> 27TH AVENUE TRAFFIC SIGNAL EQUIPMENT PLAN		
<b>SCALE</b> 1" = 20' <b>DATE</b> APRIL 1983 <b>FILE NO.</b> 101 L M 023		



[Signature]  
 [Signature]  
 [Signature]

EQUIPMENT SCHEDULE

EQUIPMENT NO.	POLE TYPE	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
HEAD NO.		A	A	A	A	A	A	A	A	A	A	A	A
RED (BALL)		12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
YELLOW (BALL)		8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"
GREEN (BALL)		12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
RED (ARROW)		12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
YELLOW (ARROW)		12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
GREEN (ARROW)		12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
LUMINAIRE (250W HPS)		1	1	1	1	1	1	1	1	1	1	1	1
W/D		1	1	1	1	1	1	1	1	1	1	1	1
POB		1	1	1	1	1	1	1	1	1	1	1	1
SIGNAL M.A.		35'	35'	35'	35'	35'	35'	35'	35'	35'	35'	35'	35'

PROJECT NO.	STATE	DATE	AS BUILT
AM 400-0-318	AL	2001 7 23	
101 L M 023			

FOUNDATION LOCATIONS

NO.	TYPE	STATION	OFFSET
1	M	24+25	62' L
2	M	17+10	53' R
3	A	17+15	54' L
4	M	16+20	58' L
5	A	16+24	6' L
6	A	16+07	63' R
7	R	16+27	77' R
8	A	23+26	54' R
9	O	23+15	55' L
10	M	23+08	78' L
11	A	24+08	63' L
12	A	23+94	6' R
13	M	24+25	54' R

JUNCTION BOX LOCATIONS

NO.	TYPE	STATION	OFFSET
16	S	15+65	57' R
17	7	16+18	70' R
18	7	16+22	8' R
19	7	16+24	66' L
20	5	16+47	100' R
21	7	17+15	59' R
22	7	17+20	51' L
23	5	17+73	49' R
24	5	16+30	49' R
25	5	16+30	49' L
26	7	16+35	49' L
27	7	16+35	49' R
28	7	19+80	39' R
29	7	19+80	39' R
30	7	19+80	39' L
31	7	19+90	39' L

JUNCTION BOX LOCATIONS

NO.	TYPE	STATION	OFFSET
32	7	21+25	39' R
33	7	21+35	39' R
34	7	21+73	49' R
35	7	21+75	32' L
36	5	21+80	49' L
37	5	21+75	49' R
38	5	22+75	49' R
40	7	23+11	50' L
41	7	23+26	60' R
42	7	23+20	75' L
43	5	23+90	102' R
44	5	24+08	68' R
45	7	24+18	58' R
46	7	24+17	5' R
47	7	23+88	185' L
48	7	24+12	161' L
49	5	24+32	66' L
50	5	24+52	58' L
51	7	24+55	46' R
52	7	24+55	58' L

JUNCTION BOX LOCATION LEGEND

- 8" 18" 11"-6" Junction Box per Sid. B-21.30, 1992 ADOOT Structures Sid Drawing
- Junction Box Cover shall read "A.D.O.T. Electrical High Voltage"
- All other Junction Box Covers shall be Concrete and shall read "Traffic Signals."



DATE: 12/12/01  
PROJECT NO.: 101 L M 023  
SHEET 1-13 OF 23

REVISIONS	DATE	BY
DESIGN BY: JFS		
CHECKED BY: [Signature]		
DATE: 12/12/01		
PROJECT NO.: 101 L M 023		
SHEET 1-13 OF 23		
TRADES NO. 102445 02C		

APPROVAL OF THE CITY OF PHOENIX ATTORNEY

I have reviewed the above referenced proposed intergovernmental agreement, between the DEPARTMENT OF TRANSPORTATION, INTERMODAL TRANSPORTATION DIVISION, and the CITY OF PHOENIX and declare this agreement to be in proper form and within the powers and authority granted to the City under the laws of the State of Arizona. No opinion is expressed as to the authority of the State to enter into this agreement.

DATED this 27th day of January, 1998.

Michael D. [Signature]

**ACTING**  
**DLB** City Attorney



STATE OF ARIZONA

OFFICE OF THE ATTORNEY GENERAL

1275 WEST WASHINGTON, PHOENIX 85007-2926

GRANT WOODS  
ATTORNEY GENERAL

TRN Main: (602) 542-1680

Direct: (602) 542-8837

Fax: (602) 542-3646

MAIN PHONE : 542-5025

TELECOPIER : 542-4085

**INTERGOVERNMENTAL AGREEMENT**  
**DETERMINATION**

A.G. Contract No. KR97-1880TRN, an agreement between public agencies, has been reviewed pursuant to A.R.S. § 11-952, as amended, by the undersigned Assistant Attorney General who has determined that it is in the proper form and is within the powers and authority granted to the State of Arizona.

No opinion is expressed as to the authority of the remaining parties, other than the State or its agencies, to enter into said agreement.

DATE February 6, 1998.

GRANT WOODS

Attorney General

JAMES R. REDPATH

Assistant Attorney General

Transportation Section

JRR:et/10372

Enc.